

N.C. 12 Update 10/04/2011

At the Rodanthe breach area, crews continued shaping the dune south of the s-curves following installation of the final sandbags over the weekend. The roadway was surveyed for the next phase of paving.

At the temporary bridge location on Pea Island, crews completed setting up the hydraulic jacks and began lifting the bridge truss to remove the temporary roller bearings. The bridge will be lowered onto the permanent bearings in a very delicate procedure where the bridge is alternately supported on wood blocks and lowered with the jacks approximately 4 to 6 inches at a time. In total, the bridge will be lowered 2 to 5 feet depending on the location along the bridge alignment. The temporary bridge truss members were removed and the bridge will rest on the permanent bearing supports. Deck panels were assembled for future placement onto the bridge truss. In addition, the retaining backwall was installed at the south end of the bridge to support the sand at the backfill from the bridge to the roadway.

Crews still need to install bridge bearing supports, anchor the bridge in place and finish installing deck panels; however the following items are complete at the temporary bridge location:

- Piling: all 82 piles driven.
- Sheet Piling Bulkhead: all 726 linear feet installed.
- Concrete Footings: all 12 footings poured.
- Bridge Truss Spans: all 662 linear feet placed.